Historians Office

"DO WHAT IS RIGHT, LET THE CONSECUENCE FOLLOW!"

NO. 14.

## GREAT SALT LAKE CITY, SATURDAY, NOVEMBER 26, 1859.

EVERY SATURDAY.

-Enst Front of COUNCIL HOUSE BLAIR & FERGUSON.

EDITORS AND PROPRIETORS. TERMS: 36 per Annum in Advance.

ADVERTISING.

[For the Mountaineer.] HAPPY WE'LL BE. Atn ... " Beer of Thee."

Haver we'll be! though life bath its sorrows, Which with our joys will ever keep pace; The storm soon is o'er, the peaceful calm follows And gloom to the sunshine will have to give

The glad beams of Hope shall banish our ead-And Faith every feeling of doubt will dispel;

Though cares may assail-if the heart's stored with gladness They will pase by us, and all will be well. There's bliss in the future, we'll trust and

be free; Confidence cheers us, and happy we'll be. Happy we'll be! we've Heaven before un

With beacons to guide, and a safe course And Love's golden chain, so gently thrown

Shall hind us forever to those that are dear. Though keen be the pang, when the fond tear

is starting. Andtrials the strength of our heart-strings may

The pang and the tear which spring up at parting Are only unfolding the wealth of our love. There's bliss in the future, we'll trust and

be free, Confidence cheers us, and happy we'll be.

Happy we'll be! for years are but fleeting, ubles of this world will soon all be o'e

The bonds that unite us, though tender the

Grief is but transient, Love Lives Poneves-The Phonix that o'er all our troubles will

There's bliss in the future, we'll trust and be free,

Confidence cheers us, and happy we'll be.

ASTRONOMY. A LECTURE DELIVERED IN GREAT SALT LAKE CITY.

and is ninety-five millions of miles MERCURY is the nearest planet to going from full to new, it will, of got a wetting last evening, as it rained from us. It is the centre of a vast the sun, and is a globe of about 3,140 course, decrease.

two kinds are called PRIMARY planets, hours 21 minutes and 19 seconds, and over the planets and stars, called "I gave it my parting good wishes, which are called secondaries, satellites, Like Mercury, it is only visible to us

The moons also revolve round their respective planets, and in the same dispective planets, and in the same dispective planets, and in the same dispection, from west to east. These order, and one of the smaller size, for the prosecution before a Police though not the smallest, is the one that motions; and they are double in the concerns us the most. It is 7,912 case of the moons, which have at once miles in mean diameter, rotating on its a revolution round their planets, and a axis in 24 hours, at a mean distance of revolution, in company with the planets, 95,000,000 of miles from the sun, round the sun. The path of a planet around which it revolves in 365 days in its revolution is called ORBIT. Be- 5 hours 48 minutes and 49 seconds sides this motion of revolution, each The form of the earth, and probably planet, secondary as well as primary, that of every other planet, is not strictly and the sun also, has a motion in its own body, like that of a bobbin upon a little at the poles, or extremities of the lower end, it runs north." spindle. An imaginary line, forming, axis. The diameter of the earth at "Then you mean to say spindle. An imaginary line, forming, axis. The diameter of the earth at "Then you mean to say it runs north as it were, the spindle of the sun or the axis is 26 miles less than in the and south?" planet, is called the axts; and the two cross direction. This peculiarity of ends of the axis are denominated the form is in consequence of the rotatory POLES. The axes of the sun and motion. If this earth was viewed from planets are all nearly at a right angle the moon, the distinction between its street, Mr. O'Dailey?" with the plane of the revolutionary seas, oceans, continents, and islands morements. The motion on the axis would be clearly marked; for they is called the ROTATORY motion.

The Scn is a sphere or globe, of be standing on; and to him the earth "With 1882,000 miles in diameter, or over a also would appear so many times O'Daily?" million times the size of this earth, larger than the sun itself, moving round its axis in 25 days. The Earth has one satellite, the When viewed through a telescope, its Moon, which is a globe of 2160 miles "Do you kno surface appears very bright and lumin- in diameter, and consequently about the butcher?" ous, as if imparting both heat and the fiftieth part of the size of the earth, "I havn't that honor." A number of dark spots may, however, 43 minutes and 11 seconds, at the board with?" be seen on different parts of his sur- distance of 237,000 miles. The Moon "Do you mean to say you board with face. These consist of a nucleus, is 400 times nearer the earth than the Dennis? which is much darker than the rest, sun is; but being so much smaller, it and surrounded by a mist, or smoke; appears to us of about the same size. his wife two dollars every Saturday and they are so changeable as fre- The Moon always keeps the same side night—barrin' the last one?" earth, and are often seen for three consequently, as long as the period worthy of Solomon himself.

months together; and they are supposed to be cavities in the body of the stated before, the earth acts as a moon larger than the earth, its matter is luminous; so when it is new moon to only about one-fourth the density of the earth, it is a full earth to the our planet, or but little more than the moon, and vice-versa. As the Moon density of water.

system of planets or globes like the miles in diameter, rotating on its axis and moon cast long I avail myself of the return of your till the wax is melted; then spread it bonnet to express the wish that you are over with a brush. The same varnish body at great distances, and in differ- ing round the sun, at a distance of on the same level, that every time the well this morning, and without cold. ent periods of time. Yet the sun with about 37 millions of miles, in 88 days. earth passes between the sun and moon, all its attendant planets, is but a very From the earth it can only be seen oclittle part of the grand machine of the casionally in the morning or evening, as and darken or eclipse the moon; and tender looks it has noticed to be direct-Universe. The stars which we behold it never rises before, or sets after the that every time the moon passes be- ed under it; what soft words it has in the sky, though, owing to their im- sun, at a greater distance of time than tween the sun and earth, the moon's heard, close to its side; in what inmense distance, they appear very small, 1 hour and 55 minutes. It appears shadow would eclipse the sun. The stances an air of triumph has caused it are no less spacious and luminous than to the eye as a small and brilliant star, Moon, nowever, ascends and descends 5 to be tossed; and whether, ever, and but when seen through a telescope is degrees in every revolution, so that in when, it has quivered from trembling to the source of our day.

The planets which move round the horned like the moon, because we only general the shadows pass under or emotions, proceeding from below. But sun are about sixty in number, of which see a part of the surface which the sun over; but when the new or full moon it has proved itself a faithful keeper eight may be said to rank in the first is illuminating. Great mountains, one takes place at the very time she is of secrets, and would answer none of PROVERBS AND OLD SAYINGS. class, inasmuch as they move in orbits more than ten miles in height, have considerably removed from each other, which makes them comparatively independent; while a group of small bodies to lead in weight, which is of much place. The shadow of the earth, as one after another. It seemed quite the constant would also the considerably removed from each other, been observed on the surface of this in ascending or descending, then the me to attempt to surprise it into constant would also to lead in weight, have passing the plane of the earth's orbit, my questions. It only remained for me to attempt to surprise it into constant would also the considerably removed from each other, been observed on the surface of this in ascending or descending, then the me to attempt to surprise it into constant would also the considerably removed from each other, been observed on the surface of this in ascending or descending, then the me to attempt to surprise it into constant would be a striking phenomena of an eclipse takes of the carth, as one after another. It seemed quite called asteroids, fifty-two in number, greater density than that of the earth.

The standard of the standard of the standard of the moon, demonstrates its rounmoved by most of these, but at the standard of the moon, demonstrates its rounmoved by most of these, but at the standard of the moon, demonstrates its rounmoved by most of these, but at the apparently unexpected mention of one, on the earth, proves that it is nearer I thought its ribbands decidedly flutco-ordinate with one of the rest. These the earth, rotating on its axis in 23 than the sun; so the passing of the moon tered!

or moons, of which there are nineteen. Besides these bodies, there is an unknown number of bodies called comers. The primary planets are—Mercury, Venus, the Earth, Mars, Vesta, Ceres, Pallas, Juno, Astræa, Flora, Victoria, Iris, Metis, Hebe, Parthenope, Egeria, Irene, Hygeia, Jupiter, Saturn, Uranus, and Neptune, besides a number of other asteriods, recently discovered, whose names I have not given. The Earth has one satellite, the Moon; Jupiter has four; Saturn, seven; Uranus is supposed to have six; and Neptune one. The planets revolve round the sun, miles in height; and is supposed to have in point from the Philadelphia from refractory or stubborn witnesses. We saw a Milesian gentleman upon

would appear like brighter and darker side?" I shall now give a more minute des- spots upon its disc or face. And the prise what is known as the Solar System. fifty times the size of the one he would take by Bible oath of it."

planets. revolving round it in 24 days, 4 hours, Though the sun is so much to her, being at the same time more shines with no light beside that which of Daniel Webster contains the follow-The sun is surrounded to a great she reflects from the Sun, it is evident ing letter. It was addressed to a ASTRONOMY is a mixed mathemati-distance by a faint light, or luminous that her shape must depend on her young lady who had been spending a cal science, teaching the knowledge of matter of great thinness, shaped like a position in regard to the sun and earth. Social evening at Mr. Webster's house, the celestial bodies, their magnitudes, lens or magnifying glass, the body of motions, distances, periods, eclipses, the sun being in the centre, and the luminous matter extending in the plane will be towards the earth, and it will be sist of the sun, moon, planets, comets of the planetary revolutions, till it a full moon. When the moon is in the delivered with the bonnet, at the resi- to be preserved in common salt, with and stars, by which we are surrounded terminates in a point. Sometimes it middle, her dark side will be presented dence of the lady, by Mr. Webster, the small ends downwards, and they may be seen before sunrise or after to the earth; and it will be new, or no while driving to his office the next will keep for eight or nine months. in infinite space.

The sun, to which we are indebted for our light, is nearly a million times larger than the earth on which we live,

MERCHRY is the nearest planet to going from full to new, it will, of

up was as follows:

"Mr. O'Daily, where do you live?" "In Clinton-street, yer honor."
"And which way does Clinton-street

"Length-ways, sir."

"Which way is that, north or south?" "If you stand at the upper end, it runs south, sir; if you stand at the

"Yes, sir; provided you stand mid-

way between the ends. "And what is the width of Clinton-

"From side to side do you mean?" "Yes; what is the width from side to

"Well, as near as I can come to it. cription of the SUN and its attendant earth would appear to an observer in it is just the distance from one sidewalk planets, moons and comets, which com- the moon as another great moon, about to the other. It may be, but I'd not

"With whom do you reside, Mr.

"Do you know Dennis-Mike Dennis,

quently to vary during the time of towards the earth, so that she turns. The Magistrate informed Mr. observation. Some of the largest of once on her axis as she moves round o'Dailey that he might leave the stand. them exceed the bulk of the whole the earth; and her day and night are, He did so, and with a look of wisdom

LETTER OF MR. WEBSTER TO A YOUNG LADY.

LANMAN'S forthcoming private life

"MONDAY MORNING, March 4, '44. "MY DEAR JOSEPHINE:-I fear you

to distinguish them from others which revolving round the sun, at the distance Occultations, proves that they are more hoping that it might never cover an move round some of the primaries, and of 68 millions of miles, in 225 days. distant than the Moon. it protects from the rays of the sun, them.

may know no tears but of joy and af-"Yours, dear Josephine, with affec-

tionate regard, "DANIEL WEBSTER.

THE POLICE IN PARIS AND IN AMERICAN CITIES.

In the memoirs of Vidocq several instances are related to show the perfec-tion of the police system under his man-agement. A gentleman would, for The planets revolve round the sun, miles in height; and is supposed to have an atmosphere similar to the earth's or plane, corresponding with the centre of his body, and in the same direction. The moons also revolve round their re
The moons also revolve round their re
its mountains range between 10 and 22 from refractory or stubborn witnesses. We saw a Milesian gentleman upon instance, receive an intimation from the stand the other day, who fairly bothered one of the shrewdest lawyers in Philadelphia. The case was an assault and battery, in which the exotic quietly to bed as usual, only admitting a few policemen, who would be quietly concealed under his bed until the hour when the burglars would break in, and the police rise up and seize them, when about to commence the work of murder. Such, indeed, is the perfection, if so it may be called, of the police system in Paris, that it is, at this moment, hardly possible for a stranger to be in the city twelve hours before his real name, his occupation and his business and friends are well known to the police. Thieves and robbers do not prosper. Their houses are spotted; their haunts and plans are known, and generally frustrated. Combination, to any considerable extent, is impossible, and Paris is so covered with spies and police agents that the outrages and crimes so common in our cities are unknown

> We are, in fact, quite in the other extreme. There the police mingle, disguised, with every class of evil-doers. With us all sorts of evil doers freely policemen. The fashionable houses vapor of water. up-town own the captains and lieutenmen are, some of them, elected and paid on purpose to cover and aid in the perpetrators. The revelations which occasionally meet the public eye in our own city, show that the police here are not a bit better than they ought to be, and are too familiar, much more so than their business requires, with the criminals of the city and its vicious population, and are too much disposed to connive at practices which ought to be suppressed .- [Dollar Newspaper.

## RECIPES.

To PRESERVE EGGS .- Pack the eggs

A BLACK VARNISH FOR OLD STRAW HATS.-Mix two ounces of spirits of wine with half an ounce of black sealing-wax powdered; cover, and place in the heat of the fire, stirring occasionally may be used for small baskets.

To REMOVE IRON MOULDS .- 1. Rub the spot with a little powdered oxalic acid, or salts of lemon, and warm water; let it remain a few minutes, and well rinse in clean water. 2. Wash the spots with a strong solution of necessary, and dry in the sun.

An hour in the morning is worth two in the afternoon.

A willing mind makes a light foot. Better go to bed supperless than to rise in debt.

but bad masters.

MISCELLANEOUS.

THE SELF-PROPELLING STEAM FIRE ENGINES, used in New York, do not seem to be in much favor. The Journal of Commerce says, it has been found that the larger self-propelling engine will not operate r hebly at fires, and it is now, therefore, entirely out of use. A smaller one I

Maxico .- The Courier's special corresp says that it was reported that the Mexican Blah was willing to guarantee a loan of five million to Miramon by pledging the church property.
The Archbishop and clergy were bitterly opposed to the policy. It was reported that Vidaura had joined the church party.

The Rev. C. H. Spurgeon has written a letter to his friends in America, in which he declares that, in his belief, immersion is the only Christian baptism; and that he believes that members of ail Christian communities should be admitted to

The English papers announce the death of John Pringle Nichol, L.L.D., Professor of Astronomy in the University of Glasgow, whose visit to the United States, a few years slace, will be remembered by most of our readers.

A Boy wirm Honna,-The Hinds County (Miss.) Gasette gives an account of a negro boy to that region, eight years old, who has horns on his head like a "young devil." The horns are said to be three inches long, to project from the head above each ear, and to faterfere conside ably with wearing a hat. They are stiff and hard, but not flinty, as the horne of quadrupeds

WATER GAS AT WILMINGTON .- A few weeks ago, the neighboring city of Wilmington was splendidly lighted with gas made from water, nuder the patent of Professor Sanders, of Cincinnati. The charges were drawn from the retorie; the supply of coal-gas was turned off; the water-gus was run through the pipes, and Wil-mington had a light thrice as brilliant, thrice as pure, as any it had ever known before. The theory of Sanders's process is this: Water, an enter the police, betray all their plans, steam, is decomposed by being passed over red-and most industriously and officiously hot charcoal, and the resulting gases (hydrogen, thwart all plans for the detection and exponic exide, and light carburetted bydrogen) There is hardly a house of ill-fame or hydrogen, or light giving gas, by the denominar robbery in the city of New York but tion of rosin or coal vapor, simultaneously with what is the proprietor of two or three and in the presence of, the decomposition of the

According to the latest accounts at Paris the ants, and the lower order of brothels treaty between France and Cochin China was and panel houses the privates. Alder- expected to be signed on the lat of August. The French Admiral bad obtained four important concessious-viz: the exercise of the Christian commission of crimes. The most fia- religious a treaty of commerce, the first ever engrant outrages are daily committed apon persons and property, yet the police take care never to discover the fourth, recognizing the rights of the French to

> A tremendous hall storm occurred in the Lake Superior mining region on the 10th of October. The hallstones are reported to have been seven inches in circumference, weighing four ounces! One piece of ice was found that weighed half a pound. Great damage was done to window glass, and garden vegetables. PRILADELPHIA .- Among the curiosities of the

> Publication House is a muchine for directing newspapers. It is a curious affair. It is about as large as a card press, and is run by the foot. It directs the paper-throws it off the formcasts it on a revolving carriage, and puts it in the mull bag at one operation! It is able to direct three thousand newspapers per hour, and does the work of wenty clerks. It cannot be described-it must be seen. It seems to have more intelligence than many human beings.

> The Springfield "Republican" has a poor opinion of tobacco raising. It says, "If there is any dirtier work than raising tobacco except chewing it, we should like to know it. A gum issues from green tobacco that covers everything that it comes in contact with. We met recently a troop of men fresh from the tobacco field, that in any other portion of the world than this, would pass for Hottentots. They looked as if they siways burrowed in the ground, and in hands and face, as well as dress, were the

M. Victor Meuniet, a well known scientific writer, informs the world that the next deluge cream of tartar and water; repeat, if will certainly not take place for 6,300 years—a piece of information which will be natisfactory to the present generation.

The northern counties of Wiscopsin are infested by bears, who have been forced by the severe drouth to enter the settlements in search of the "necessaries of life." The settlers have had numerous encounters with them, and have A single fact is worth a ship-load of killed many. A woman was killed by one of them at Melanethon Creek last week.

President Buchanan, says a correspondent of The Press, has four newspaper organs. First, ise in debt.

Fire and water are good servants, personal organ, The Constitution; secondly, his personal organ, The N. Y: Herald; thirdly, his family organ, to your city; and fourthly, his Fools make feasts, and wise men est home organ, The Lancaster Intelligia or and Journal